UTILITY PATENT APPLICATION

Attorney Docket No.		20609/241(PD 02036/02037)				
First Inventor		Lisa K. Jennings				
Title	METHODS OF MODIFYING BEHAVIOR OF CD9-EXPRESSING CELLS					
Express Mail Label No.		EV138586923US				

TATENT ATTEICATION	Lisa K. Jennings							
TRANSMITTAL	Title METHODS OF MODIFYING BEHAVIOR							
(Only for new nonprovisional applications under 37 CFR 1.53(b))	OF CD9-EXPRESSING CELLS							
(Only for new nonprovisional appreciations under 57 C1 X 125(c))	Express Mail Label No. EV138586923US							
APPLICATION ELEMENTS	Mail Stop Patent Application							
Car MBCD at any 600 annual in willth a stant application and sure	ADDRESS TO: Commissioner for Patents							
See MPEP chapter 600 concerning utility patent application contents.	P.O. Box 1450 Alexandria, Virginia 22313-1450							
1. E Fee Transmittal Form (e.g., PTO/SB/17)	7. CD-ROM or CD-R in duplicate, large table or							
(Submit an original and a duplicate for fee processing)	Computer Program (Appendix)							
2. Applicant claims small entity status.	8. Nucleotide and/or Amino Acid Sequence Submission							
See 37 CFR 1.27.	(if applicable, all necessary)							
3. Specification [Total Pages 90] (preferred arrangement set forth below)	a. Computer Readable Form (CRF) b. Specification Sequence Listing on:							
- Descriptive title of the invention	i. CD-ROM or CD-R (2 copies; or							
- Cross Reference to Related Applications (if applicable)	ii. 🗷 paper							
- Statement Regarding Fed sponsored R & D (if applicable)	c. Statements verifying identity of above copies							
- Reference to sequence listing, a table,	ACCOMPANYING APPLICATION PARTS							
or a computer program listing appendix (if applicable) - Background of the Invention								
- Brief Summary of the Invention	9. Assignment Papers (cover sheet & document(s))							
- Brief Description of the Drawings (if filed)	10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney							
- Detailed Description	(when there is an assignee) Attorney 11. □ English Translation Document (if applicable)							
Claim(s)Abstract of the Disclosure	12. Information Disclosure							
4. Drawing(s) (35 U.S.C. 113) [Total Sheets 28]	Statement (IDS)/PTO-1449 Citations							
5. Oath or Declaration [Total Pages 3]	13. Preliminary Amendment							
a. D Newly executed (original or copy)	14. Return Receipt Postcard (MPEP 503)							
b. 🗷 Unsigned	(Should be specifically itemized)							
c. Copy from a prior application (37 CFR 1.63(d))	15. Certified Copy of Priority Document(s)							
(for continuation/divisional with Box 18 completed)	(if foreign priority is claimed)							
i. DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s)	16. Nonpublication request under 35 U.S.C.							
named in the prior application, see 37 CFR	122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.							
1.63(d)(2) and 1.33(b)	17. Other:							
6. D Application Data Sheet. See 37 CFR 1.76								
18. If a CONTINUING APPLICATION, check appropriate box, and s	upply the requisite information below and in a preliminary amendment,							
or in an Application Data Sheet under 37 CFR 1.76:								
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)	of prior application No.:/							
Prior application information: Examiner	Group / Art Unit:							
For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of	f the prior application, from which an oath or declaration is supplied under							
Box 5b, is considered a part of the disclosure of the accompanying continuation	n or divisional application and is hereby incorporated by reference. The							
incorporation can only be relied upon when a portion has been inadvertently o								
19. CORRESPONDENCE ADDRESS								
Customer Number or Bar Code Label	of Correspondence address below							
Name Nixon Peabody LLP								
Clinton Square, P.O. Box 31051								
Address	•							
	NY Zip Code 14603-1051							
Country USA Telephone (585) 263-1128 Fax (585) 263-1600							
Name (Print/Type) Edwin V. Merkel Registration	No. (Attorney/Agent) 40,087							
Name (Print/Type) Edwin V. Merkel Registration 1	vo. (Automey/Agent) 40,007							
Signature ()	Date July 14, 2003							
Whitehil	75.7.1,555							

FEE TRANSMITTAL **FOR FY 2003**

Patent fees are subject to annual revision. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

Complete if Known					
Application Number					
Filing Date	Herewith				
First Named Inventor	Lisa K. Jennings				
Examiner Name	To be Assigned				
Art Unit	To be Assigned				
Attorney Docket No.	20609/241(PD 02036/02037)				

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)					
Check Credit Card Money Other None		3. ADDITIONAL FEES					
Order Deposit Account:		Large Entity Small Entity					
Deposit Account 14-1138	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description		
Number	1051	130	2051	65	Surcharge – late filing fee or oath		
	1052	50	2052	25	Surcharge - late provisional filing fee or cover		
D	1053	130	1053	130	sheet Non-English specification		
Deposit Account Nixon Peabody LLP							
Name	1812	2,520	1812	2,520	For filing a request for ex parte reexamination		
The Commissioner is authorized to: (check all that apply)	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		
Charge fee(s) indicated below Credit any overpayments	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner		
, —					action		
Charge any additional fee(s)	1251	110	2251	55	Extension for reply within first month		
Charge fee(s) indicated below, except for the filing fee	1252	410	2252	205	Extension for reply within second month		
- to the above-identified deposit account.	1253	930	2253	465	Extension for reply within third month		
FEE CALCULATION	1254	1,450	2254	725	Extension for reply within fourth month		
1. BASIC FILING FEE	1255	1,970	2255	985	Extension for reply within fifth month		
Large Entity Small Entity	1401	320	2401	160	Notice of Appeal		
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	1402	320	2402	160	Filing a brief in support of an appeal		
Code (\$) Code (\$) Fee Paid	1403	280	2403	140	Request for oral hearing		
1001 750 2001 375 Utility filing fee 375	1451	1,510	1451	1,510	Petition to institute a public use proceeding		
1001 750 2001 575 Othicy filling fee	1452	110	2452	55	Petition to revive – unavoidable		
	1453	1,300	2453	650	Petition to revive – unintentional		
1003 520 2003 260 Plant filing fee	1501	1,300	2501	650	Utility issue fee (or reissue)		
1004 750 2004 375 Reissue filing fee		-	2502		Design issue fee		
1005 160 2005 80 Provisional filing fee	1502	470		235			
CUPTOTAL (1)	1503 1460	630 130	2503 1460	315 130	Plant issue fee Petitions to the Commissioner		
SUBTOTAL (1) (\$) 375	1400	130	1400	150	remons to the commissioner		
-	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1806 8021	180	1806	180	Submission of Information Disclosure Stmt		
Fee from		40	8021	40	Recording each patent assignment per property (times number of properties)		
Extra Claims below Fee Paid Total Claims 78 -20** = 58 X 9 = 522	1809	750	2809	375	Filing a submission after final rejection		
					(37 CFR 1.129(a))		
Independent 8 -3** = 5 X 42 = 210 Claims	1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))		
Multiple Dependent X = 0	1801	750	2801	375	Request for Continued Examination (RCE)		
		000		000	B 16 PH 1 CONTRACTOR		
Large Entity Small Entity Fee Fee Fee Fee <u>Fee Description</u>	1802	900	1802	900	Request for expedited examination of a design application		
Code (\$) Code (\$)	Other	fee (speci	fv)				
1202 18 2202 9 Claims in excess of 20	J	(2)	-7,	•			
1201 84 2201 42 Independent claims in excess of 3							
	*Redu	ced by Ba	sic Filir	g Fee Paid	SUBTOTAL (3) (\$) 0		
1203 280 2203 140 Multiple dependent claim, if not paid							
1204 84 2204 42 ** Reissue independent claims over original patent	CERTIFICATE OF MAILING OR TRANSMISSION [37 CFR 1.8(a)]						
1205 18 2205 9 ** Reissue claims in excess of 20 and	I hereby certify that this correspondence is being:						
over original patent	deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Mail Stop,						
SUBTOTAL (2) (\$) 732					tents, P. O. Box 1450, Alexandria, VA 22313-1450		
**or number previously paid, if greater; For Reissues, see above		transmitted by facsimile on the date shown below to the United States Patent and					
		Tı	rademar	k Office at (703)		
		Dat	e		Signature		
					Typed or printed name		
SUBMITTED BY Complete (if applicable)							
		tration N		40.007			
Name (Print/Type) Edwin V. Merkel	(Attori	ney/Ager	1 <i>t)</i>	40,087	. (555) 255 222		
Signature Shi Weller					Date July 14, 2003		

DOCKET NO.:

20609/241(PD 02036/02037)

APPLICANT:

Jennings et al.

TITLE:

METHODS OF MODIFYING BEHAVIOR OF CD9-EXPRESSING CELLS

Certificate is attached to the Utility Patent Application Transmittal Letter (1 page) (in duplicate) and Fee Transmittal (1 page) in duplicate of the above-named application.

"EXPRESS MAIL" NUMBER:

EV138586923US

DATE OF DEPOSIT:

July 14, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, ⁴ Alexandria, VA 22313-1450.

> Edwin V. Merkel (Typed or printed name of person

mailing paper or fee)

(Signature of person mailing paper

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APPLICANT:

Jennings et al.

TITLE:

METHODS OF MODIFYING BEHAVIOR OF CD9-EXPRESSING CELLS

Certificate is attached to the Specification, Claims, and Abstract (90 pages), UNSIGNED Combined Declaration and Power of Attorney (3 pages), and Sequence Listing (9 pages) of the above-named application.

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DATE OF DEPOSIT:

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Edwin V. Merkel

(Typed or printed name of person mailing paper or fee)

(Signature of person mailing paper

DOCKET NO.:

20609/241(PD 02036/02037)

APPLICANT:

Jennings et al.

TITLE:

METHODS OF MODIFYING BEHAVIOR OF CD9-EXPRESSING CELLS

Certificate is attached to the **Drawings (28 sheets)** of the above-named application.

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> Edwin V. Merkel (Typed or printed name of person

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20609/241(PD 02036/02037)

APPLICANT:

Jennings et al.

TITLE:

METHODS OF MODIFYING BEHAVIOR OF CD9-EXPRESSING CELLS

Certificate is attached to the Statement In Accordance With 37 C.F.R. § 1.821(f) and 3.5" computer readable diskette of the above-named application.

"EXPRESS MAIL" NUMBER:

EV138586923US

DATE OF DEPOSIT:

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Edwin V. Merkel (Typed or printed name of person

mailing paper or fee)

(Signature of person mailing paper